Evolving to an Expeditionary Aerospace Force

Concepts and Implementation

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Purpose and Scope

**Describe the operational concept we see
the tool to exploit the inherent strengths
aerospace power in modern warfare**

- **Foundations**
- **Challenges**
- **Expeditionary Concepts**

Foundations: National Strategies

National Security Strategy

Quadrennial Defense Review

National Military Strategy

Defense Planning Guidance

- ***Shape*** - the International Environment
- ***Respond*** - to the Full Spectrum of Crises
- ***Prepare Now*** - for an Uncertain Future

~ 1997 National Military Strategy

Emphasis:

- ***Agile Military Forces***
- ***Rapid Global Response to Crises***
- ***Peacetime Engagement to Major Theater War***

Foundations: Joint and Service Visions

- **Joint Vision 2010**
  - **Full Spectrum Dominance**
  - **Operational Concepts**
    - **Dominant Maneuver**
    - **Precision Engagement**
    - **Full-dimensional Protection**
- **Global Engagement**
  - **Service Contributions to Joint Warfighting**
  - **Core Competencies:**
    - **Air & Space Superiority**
    - **Precision Engagement**
    - **Global Attack**
    - **Rapid Global Mobility**

upport

- **Air Force Capabilities are Fully Integrated**
- **Key to achieving Full Spectrum Dominance**

The Problem
A Changing 'Sight Picture'

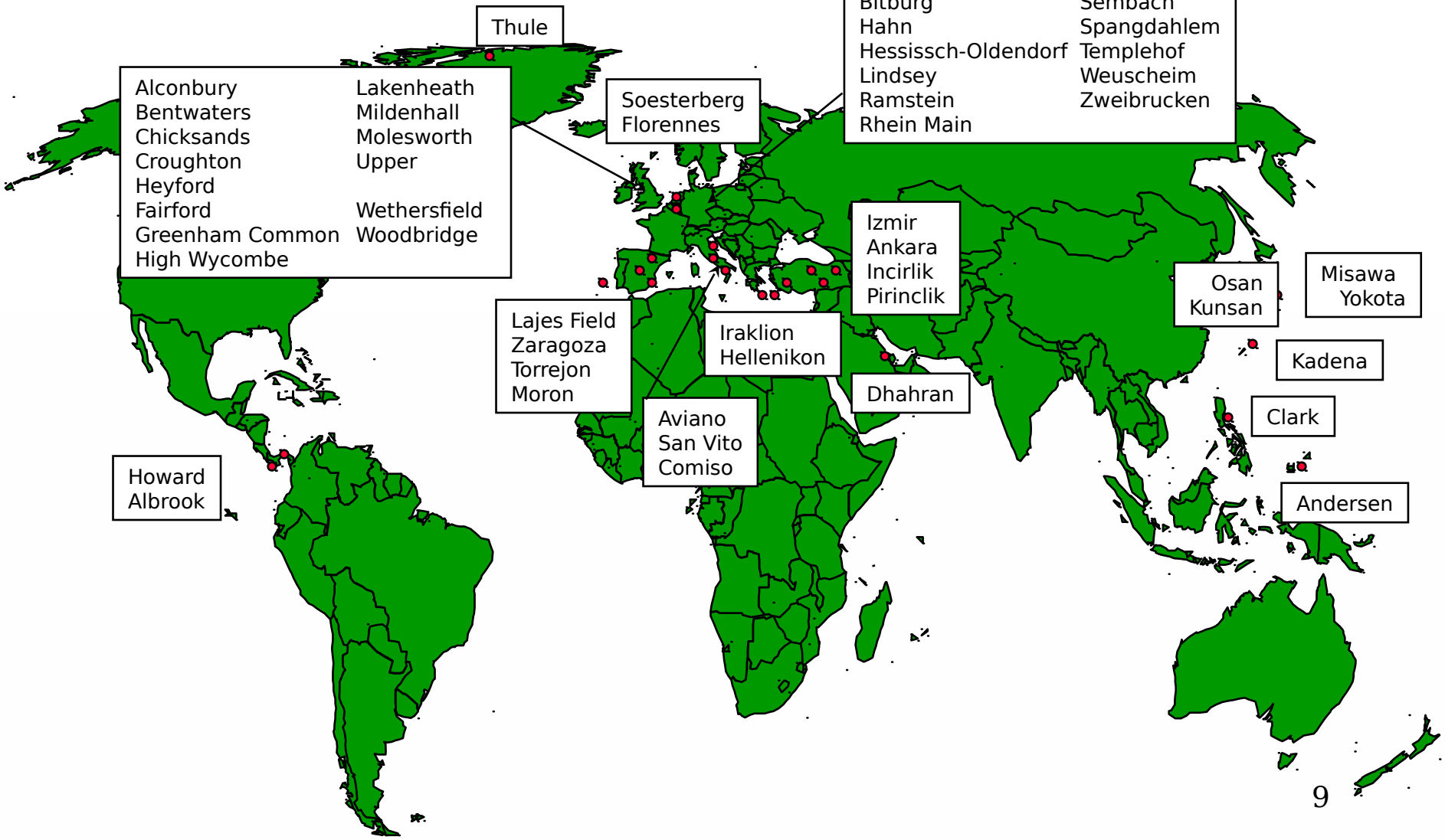
- **Cold War Air Force - Focused on *Containment***
  - **Garrison State -- robust basing and manning**
  - **Operating from bases with large infrastructures**
- **21st Century Air Force - Focused on *Engagement***
  - **Reduced force structure and fewer forward locations**

Requires an Expeditionary

infrastructure Approach

  - **Still forward based, but *Responding Globally***

Overseas Basing During The Cold War



Today's Overseas Bases

Thule

Spangdahlem

Ramstein

Lakenheath
Mildenhall
Molesworth

Croughton

Incirlik

Osan
Kunsan

Misawa
Yokota

Kadena

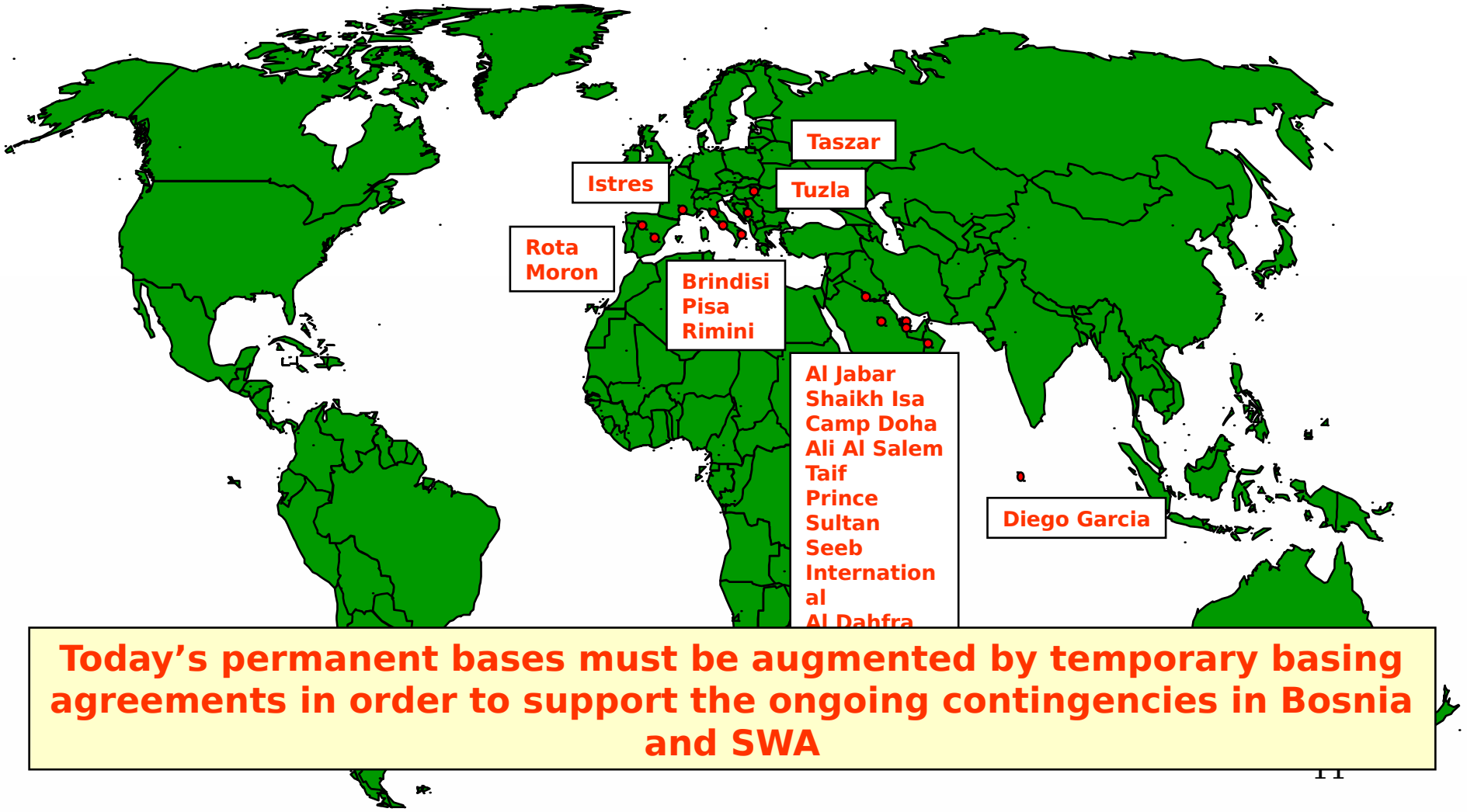
Lajes
Field

Aviano

Andersen

The Air Force has two-thirds less forward basing today than during the height of the Cold War

The Transition From the Cold War to Meeting Today's National Security Needs



Today's permanent bases must be augmented by temporary basing agreements in order to support the ongoing contingencies in Bosnia and SWA

Challenge: Global Engagement in 1998

Over 1,600 USAF exercise in 35 countries

Nearly 30 deployments to Bosnia & over 2,200 sorties

Over 30,000 mobility missions to 90 countries

Nearly 300 mil-to-mil contacts in Europe and the Pacific

35 deployments to NORTHERN WATCH and over 4,700 sorties

Deliberate Forge
Joint Forge
Northern Watch
Able Sentry
De-Mining
Southern Watch
Korean Theate
Arrival Zone
JIATF East
Haiti
Transit Zone
JTF Bravo
JIATF South
Safe Border
Laser Strike
Source Zone
De-Mining
De-Mining
De-Mining
De-Mining
JTF Full Acctg

Legend

- Forward Bases
- Current Ops
- Current Peace Operations
- Post-Cold War Ops

Over 60 SOUTHERN WATCH deployments and 23,000 sorties

Nearly 60 counter-narcotics deployments to Latin America

Nearly 100 Denton Amendment humanitarian relief missions to 30 countries

Challenge: Two Fold

Preparation of Forces

Sustainment of Force

Trained to Task
For the Warfighter

Total Force Integration
For the Air Force

ore Responsive Aerospace Power for CIN

We must evolve in a way that...

- Meets National Needs
- Ensures Joint Effectiveness
- Leverages AF Strengths
- Uses the Total Force

Requirements to meet the National Military Strategy with . . .

Relevant Forces

- Rapidly responsive
- Trained and ready
- Modern and capable
- Lean and agile
- Appropriately structured

Expeditionary Aerospace Force

We are operating in a . . .

Constrained Environment

- Fiscal limits
- Political realities
- TEMPO demands
- Qlty of life needs
- Readiness

WE'RE STARTING NOW!

TARGET: 1 JAN '00

Creating a Better 21st Century Air Force

Terms: What is the EAF?

Expeditionary Aerospace Force: our vision for how to organize, train and equip to create a mindset and cultural state that embraces the unique characteristics of aerospace power

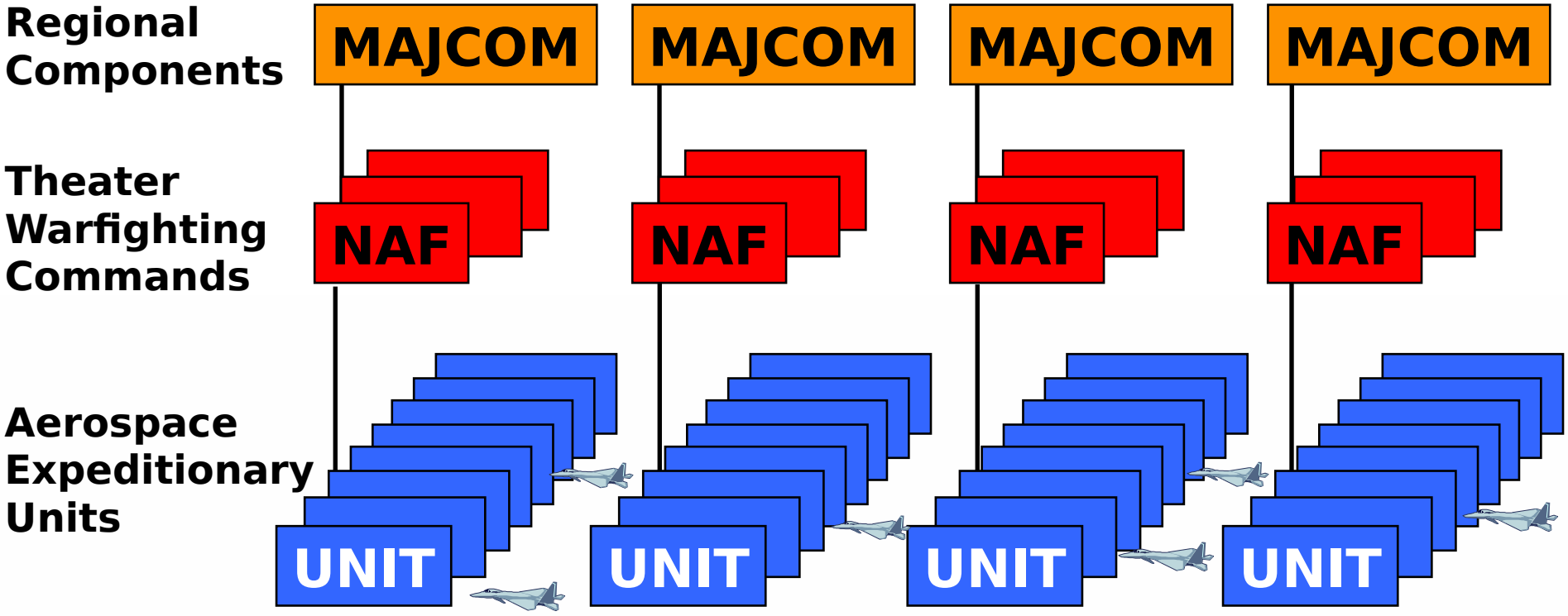
- ***Mindset:*** **Expeditionary AND Warrior**
- ***Identity:***
  - **Air Force Expeditionary Warrior FIRST**
  - **AFSC, Weapon system secondary**
- ***Leadership:*** **Bold and Decisive, excels in unstructured environments**

Terms: What is an AEF?

Aerospace Expeditionary Force (AEF): an organization comprised of aerospace capabilities that provides tailored forces to meet theater CINC

- ***Emphasis:*** **Rapid Response & Employment**
- ***Relevant Force:*** **Effects, Size, Capability**
- ***Full Spectrum of Operations*****: Humanitarian Relief to Major Theater War**
- ***Light, Lean, and Lethal*****:**
  - **Employs Expeditionary Combat Support Principles**
  - **Creates Precision Effects**
- ***Elements:*** **Command, Operations, and Support**

Today's Air Force Organizational Structure



NAF = Numbered Air Force

Tomorrow's Air Force Organizational Structure

Regional Components

Theater Warfighting Commands

Aerospace Expeditionary Units

MAJCOM | MAJCOM | MAJCOM | MAJCOM

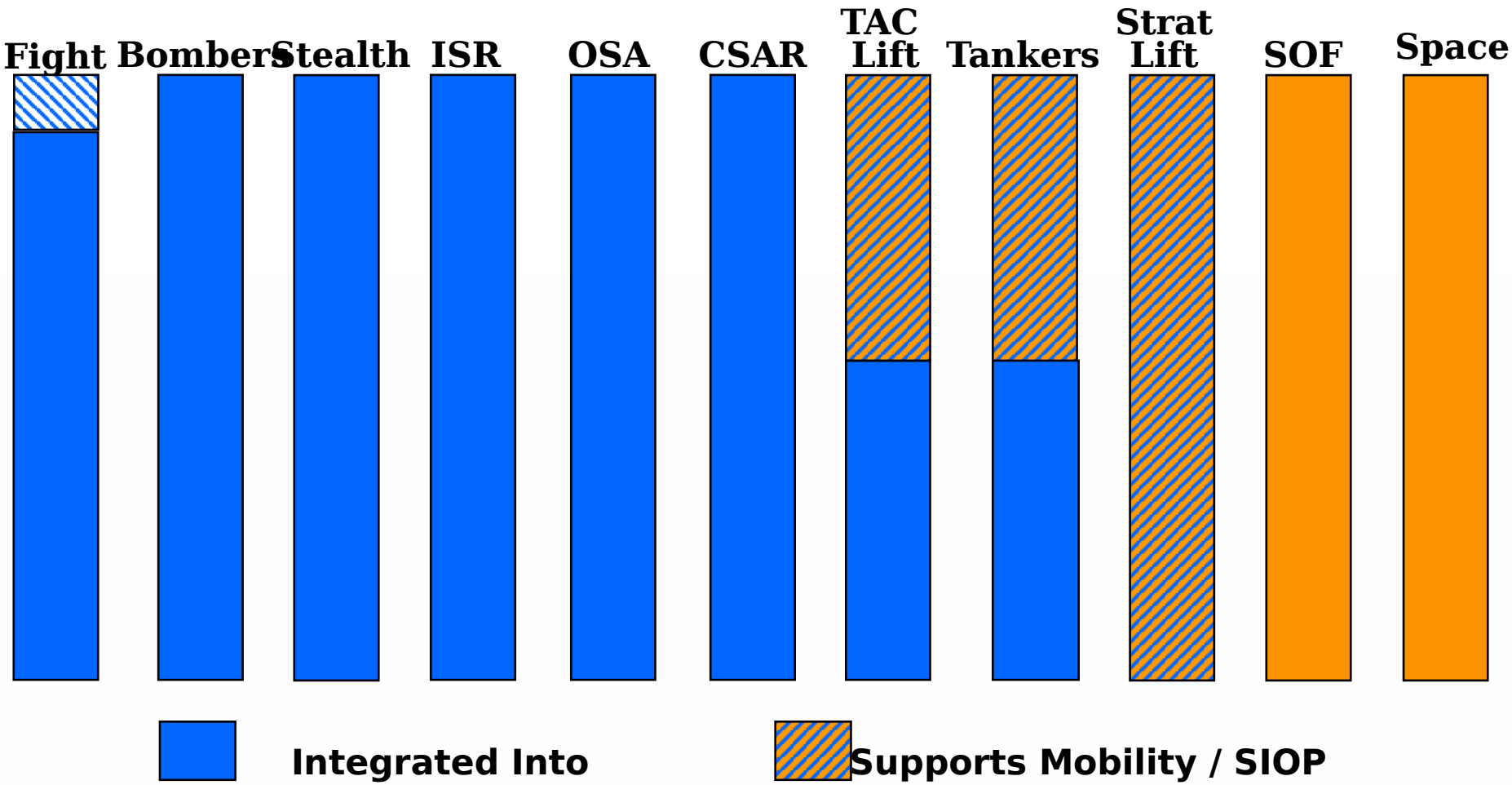
NAF | NAF | NAF | NAF

UNIT | UNIT | UNIT | UNIT

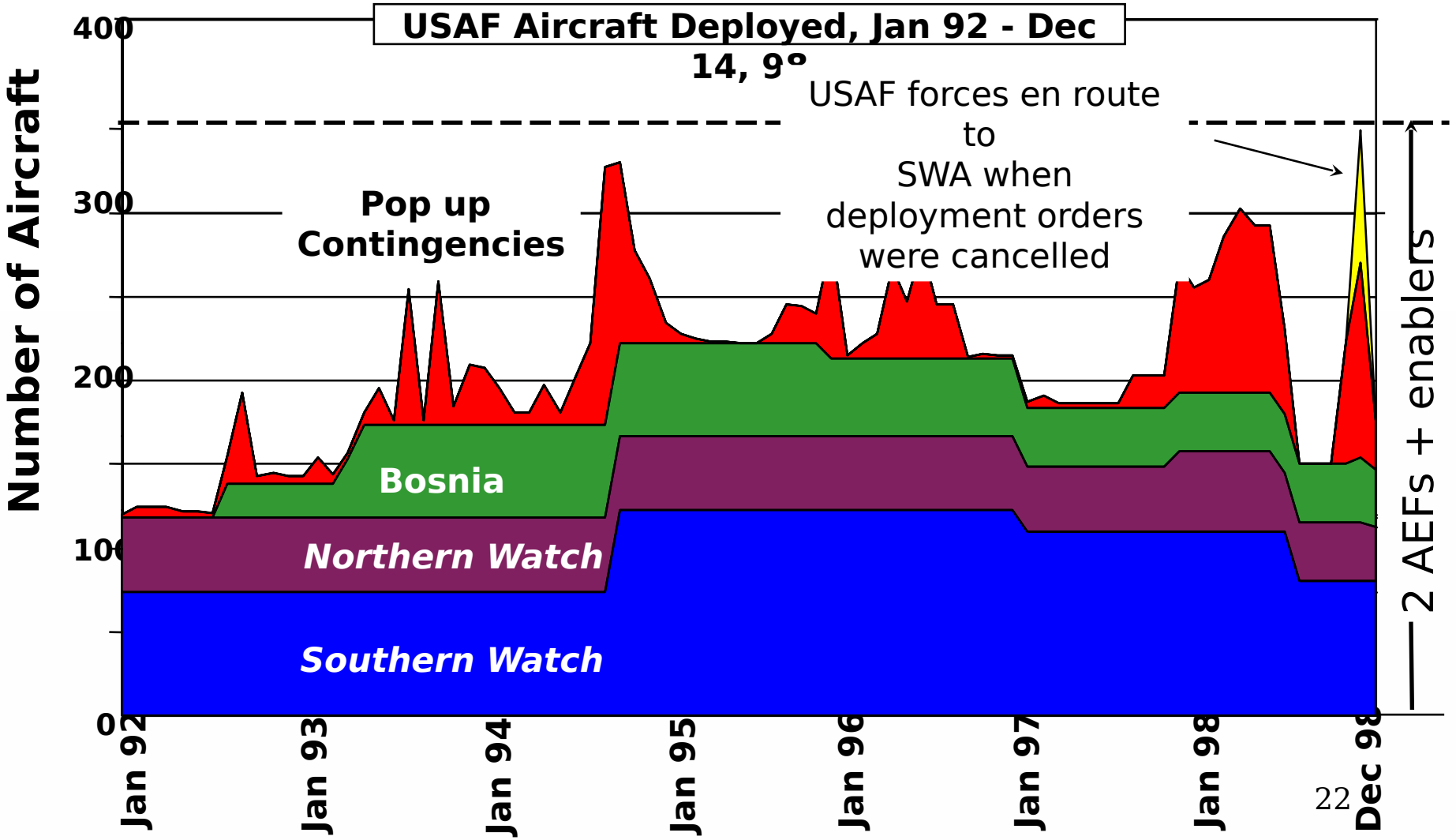
10 AEFs -- A *Total Force* Solution

What Forces Are We Talking About?

Active / Guard / Reserve



USAF Historical Requirements and EAF Forces Available



"10 + 2" AEF Employment Concept (Near Term)

On-Call AEW

AEF #1

Remaining

Forward Deployed

OSW

Panama

AEF #2

Remaining

Forward Deployed

ONW

Bosnia

Keflavik

Crisis Response

EAF: AEF Concept of Operations

Forward Deployed

- Fighter
- Tanker
- TAC Airlift
- ISR
- OSA
- Space
- (Bombers)

On Call

Fighter Bomber
Tanker Stealth
CSAR ISR
C2 OSA
TAC Airlift Space

High Demand/Low Density

E-3 U-2
EC-130
E-8 RC-135 CSAR
Ground Systems (GTACS)

Contingency Response

- NCA
- Scheduled Taskings
- Military Crisis
- NEO
- Disaster Relief
- Humanitarian Assistance

Full Force is Trained / Tailorable / Respon

SHAPE

RESPOND

Spectrum of Operations

Peace Operations
Smaller Scale Contingencies
Major Theater Wars

AEF Rotational Cycle

CINC OPLAN SPT

15 Month Cycle

Standdown

Deployment/On Call

Normal Training and Exercises

Spin-Up/ Deploy

AEF 1

AEF 2

AEF 3

AEF 4

AEF 5

AEF 6

AEF 7

AEF 8

AEF 9

AEF 10

2 AEWs

OC "A"

OC "B"

OC A | OC B | OC A | OC B | OC A

Life Cycle of an AEF

MAJOR COMMANDs

AEF Integration

CINC

TRAIN

Maintenance & Modifications, Composite Force Exercises, Inspections, etc.

DEPLOYMENT PREP

- AOR Training
- Deploy Prep

EMPLOY

- On-call
- Deployed
- CINC

STANDDOWN

Trained to Task for the Warfighter

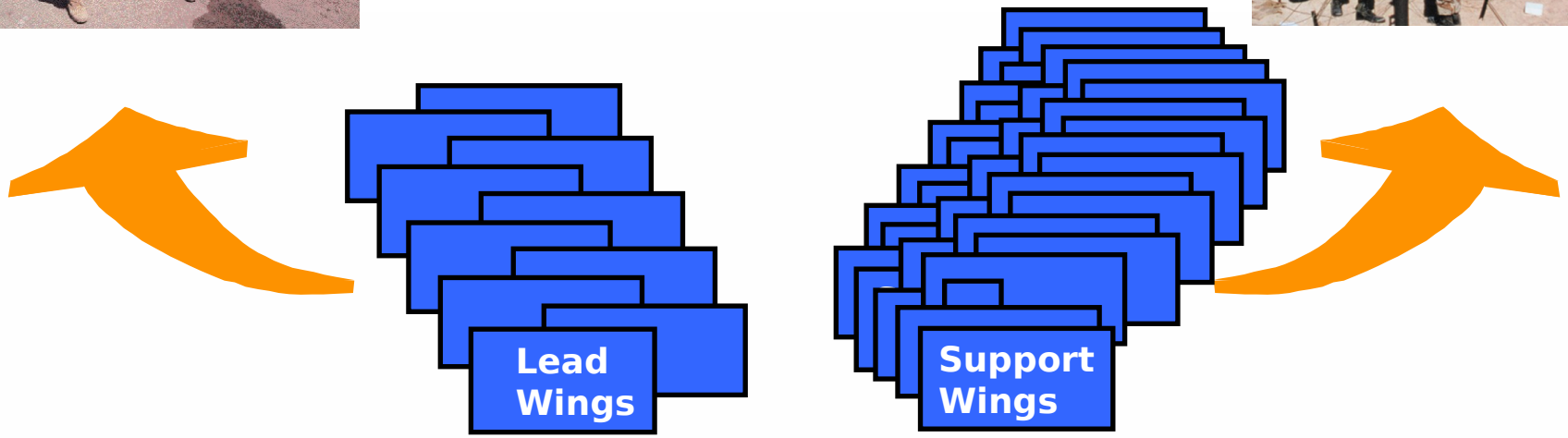
Sizing Support for EAF Concept

Team Taskings

Fire Fighters
Security Forces
Comm / Info
etc.

Individual Taskings

Transportation
Services
Supply
Weather
etc.



ources: Robusted Lead AEF Wings Sources: Robusted Other AEF Wing

000+ Support Personne

EAF: Expeditionary Vision

Rapidly Executable Course of Action, Tailored to meet a Joint Force Commander's Needs

- Global Attack
- Air & Space Superiority
- Precision Engagement
- Rapid Global Mobility
- Information Superiority
- Agile Combat Support

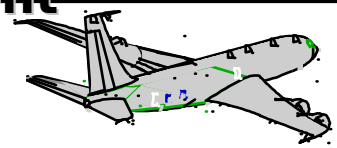
Peacetime Engagement

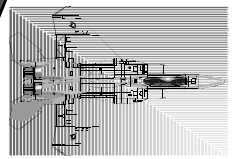
Spectrum of Military Operations

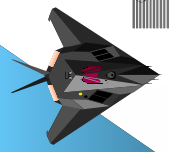
Major Theater War

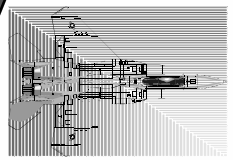
Creating Strategic, Operational & Tactical Effects

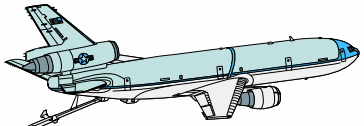
48 Hour Respons

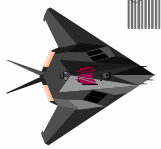












Expeditionary Aerospace Force

What it is . . .

- **Rapidly responsive forces**
- **Lighter, leaner and more lethal**
- **Tailored forces for CINCs**
- **More stable, predictable, and available forces**
- **An integration of our *Total Force***
- **An Ex**

What it is not . . .

- **A risk to CINC OPLAN support**
- **A change in baseline organizational structure**
- **Tiered readiness**
- **A substitute for BRAC**

A Better Use of Aerospace Power for the 21st Century

Expeditionary Aerospace Force

- Our Vision -

A Construct Which More Effectively Exploits the Versatility and Responsiveness of Aerospace Power Through Changes In:

STRUCTURE

Organize *Total Force* into standing Aerospace Expeditionary Forces (AEF)

AEFs provide a more stable, predictable, and

CULTURE

Men and women with an "expeditionary and warrior mindset" who understand our mission is global

Bold, Decisive Leaders who excel in austere, unpredictable environs

OPERATIONS

Innovative approaches and new technologies which make us light, lean, and lethal

Rapidly employable World-wide

Today's Expeditionary Airmen . .

Our